

In the claims

1-44. (Canceled)

45. (Currently amended) An implantable medical device comprising a coating and a therapeutic substance, the coating including a graft polymer having a main chain segment and a side chain segment, wherein the main chain segment has a different degree of solubility than the side chain segment so as to cause phase separation of the segments on the coating on the device and wherein the therapeutic substance has a preferential solubility for one segment over the other segment, wherein the main chain segment includes poly(ethylene-co-vinyl alcohol).

46. (Currently amended) The implantable medical device of claim 45, wherein the side chain segment includes poly(ethylene oxide).

47. (Currently amended) The implantable medical device of claim 45, wherein the side chain segment is derived from polyethylene oxide having an isocyanate moiety.

48. (Previously presented) An implantable medical device comprising a coating and a therapeutic substance, the coating including a graft polymer having a main chain segment and a side chain segment, wherein the main chain segment has a different degree of solubility than the side chain segment so as to cause phase separation of the segments on the coating on the device and wherein the therapeutic substance has a preferential solubility for one segment over the other segment, wherein the main chain segment is more hydrophobic than the side chain segment.

49. (Previously presented) An implantable medical device comprising a coating and a therapeutic substance, the coating including a graft polymer having a main chain segment and a side chain segment, wherein the main chain segment has a different degree of solubility than the side chain segment so as to cause phase separation of the segments on the coating on the device and wherein the therapeutic substance has a preferential solubility for one segment over the other segment, wherein the preferential solubility is towards the side chain segment.

50. (Previously presented) An implantable medical device comprising a coating, the coating including a poly(ethylene-co-vinyl alcohol) conjugated to a polyethylene oxide.

51. (Previously presented) The implantable device of claim 50, additionally comprising a drug.
52. (Previously presented) The implantable device of claim 50, additionally comprising a drug having preferential solubility for the polyethylene oxide.
53. (Previously presented) An implantable medical device comprising a coating, the coating including a product of reaction of poly(ethylene-co-vinyl alcohol) and a polyethylene oxide having an isocyanate functionality.
54. (Canceled)
55. (Previously presented) The implantable medical device of claim 45 which is a stent.
56. (Previously presented) The implantable medical device of claim 48 which is a stent.
57. (Previously presented) The implantable medical device of claim 49 which is a stent.
58. (Previously presented) The implantable medical device of claim 50 which is a stent.
59. (Previously presented) The implantable medical device of claim 53 which is a stent.